



P/N:SU-CP02B-180WSBMA3-ab

Note:

SU= Company name;  
 CP02B = Product series, LED Canopy Light;  
 180W = Rating Power;  
 S= Driver manufacturer, SOSEN Driver ;  
 B= LED manufacturer, LUMILEDS 2835;  
 M = Cover type, Matte lens ;  
 A3 = Version number;  
 a= can be any 2 letter for housing color , WH=White, or Customized;  
 b=can be any digits for CCT;  
 40=4000K,45=4500K,50=5000K,57=5700K

**ADVANTAGE**

- UL cUL DLC5.1 premium certificate.
- Lumileds, high CRI.
- IP65 driver, input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

**APPLICATION**

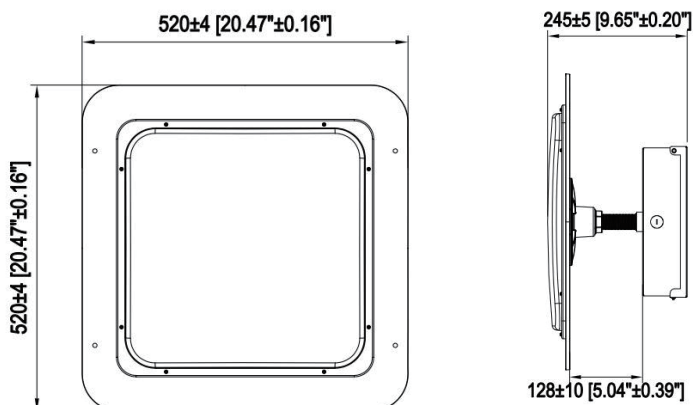
- Widely used in gas station, service station, underground parking lot, warehouse, garage;
- Work floor, factory and so on.



## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	180W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance :±10%)	27540 LM	27720 LM	27900LM	28080LM
	Efficacy (Tolerance :±3%)	153 LM/W	154 LM/W	155LM/W	156LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B4-U3-G3			
	Diffuser Type	Matte lens			
	Beam Angle (50%) (Tolerance : ±10%)	110 Degree			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz;			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	<5%			
	Driver Brand	SOSEN			
	Driver Model	SS-200NH-E260BH			
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV			
	Dimming	0-10V dimming standard			
	Sensor Type	NO Sensor			
	Optional Accessory	Surge-protective Device			
<b>MATERIALS</b>	LED Brand	Lumileds			
	LED Type	SMD2835			
	LED QTY	1110 PCS			
	Housing	Die-cast aluminum			
	Housing Color	White, or Customized			
	Waterproof Rating	WET (IP65)			
<b>OTHERS</b>	Operating Temperature	-40℃ TO 40℃			
	Storage Temperature	-40℃ TO 80℃			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years			

## DIMENSIONS



**LIGHT DISTRIBUTION TESTING PARAMETERS**

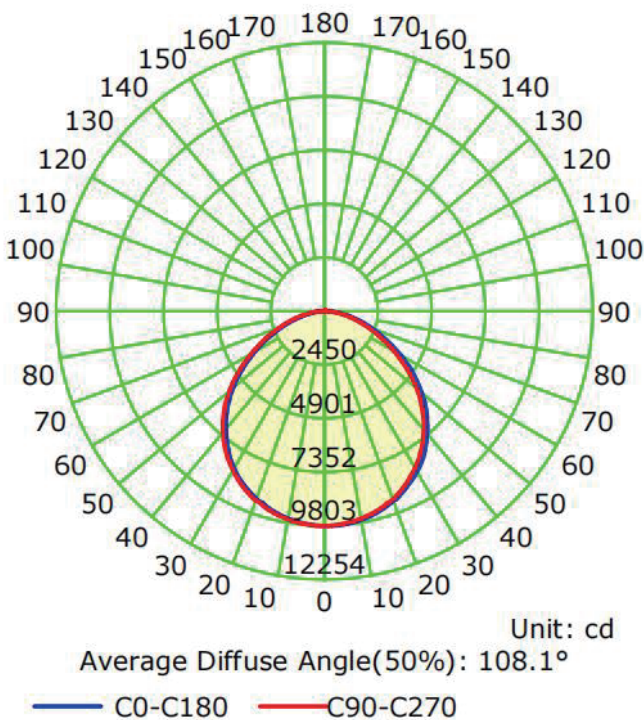
**Luminaire Property**

Luminaire Manufacturer:	Luminaire Description:
Luminaire Category:	Lamp Description:
Lamp Catalog:	Lumens per Lamp:
Number of Lamps:	Luminous Width (mm):
Luminous Length (mm):	Voltage: 120.0 V
Luminous Height (mm):	Power: 173.07 W
Current: 1.444 A	
Power Factor: 0.999	

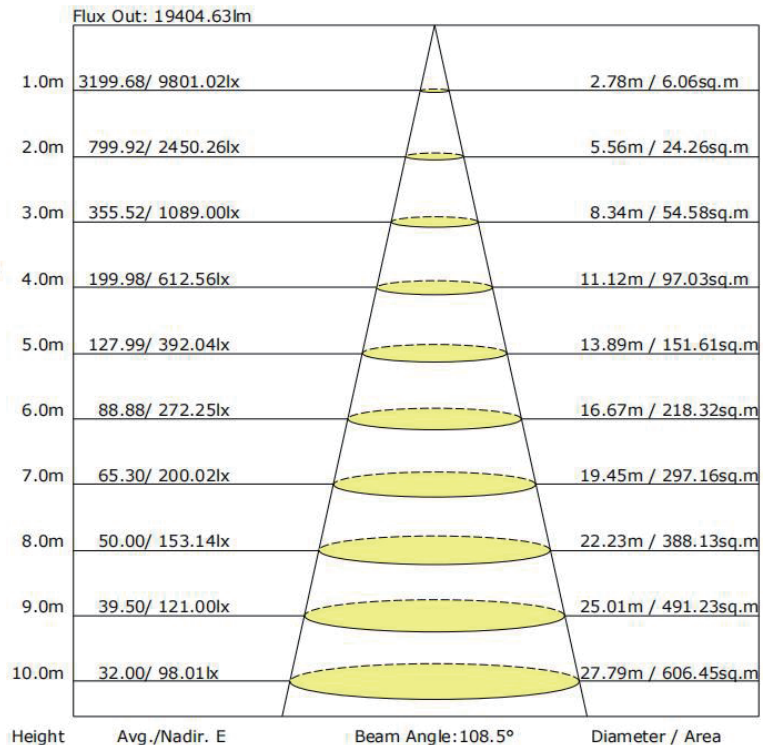
**Photometric Results**

IES Classification: Type II	Longitudinal Classification: Very Short
Total Rated Lamp Lumens: 26884.7 lm	Measurement Flux: 26884.7 lm
Efficiency: 100%	Downward Ratio: 99%
Upward Ratio: 1%	Luminaire Efficacy Rating (LER): 155.39
C0r0 Intensity: 9801.02 cd	Max. Intensity: 9803.24 cd
Pos of Max. Intensity: H315 V1	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 108.5, 107.6, 108.1, 108.1	

**Luminous Intensity Distribution Curve**



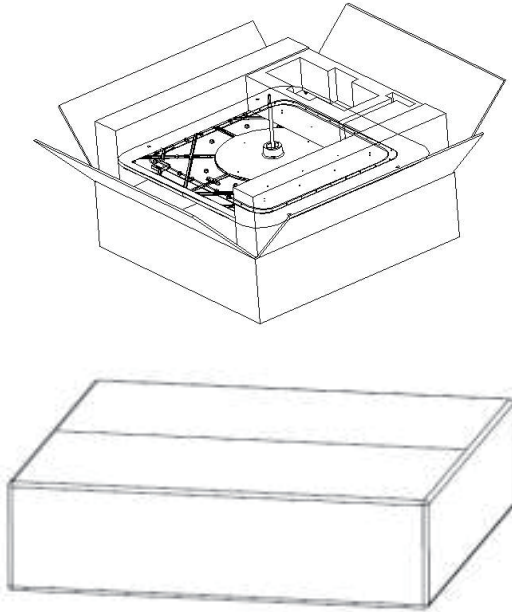
**The Average Illuminance Effective Figure**



## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	560*560*160 mm [22.05*22.05*6.30 inch]	1 PC	7.2 KG [15.84 LBS]	8.55 KG [18.81 LBS]

Tolerance of Carton Size:  $\pm 15$  mm [ $\pm 0.59$  inch], Tolerance of Weight:  $\pm 10\%$ .



## NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

## TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.